

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/KR2004/001296

**A. CLASSIFICATION OF SUBJECT MATTER****IPC7 H04L 9/06**

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC7 H04K 1/00, H04L 9/00 06 14 18 28

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
search terms : Rijndael algorithm, round key, round operation, encryption/decryption,

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 20030072444 A1 17 Apr. 2003 (Amphion Semiconductor Ltd.) claims 1 (1)	1
A	US 20030059054 A1 27 Mar. 2003 (Amphion Semiconductor Ltd.) claims 1, 7 (1, 2, 12)	1, 2, 12
A	US 20020191784 A1 19 Dec. 2002 (Corrent Corp.) claims 1, 16, 36, 38 (1, 2)	1, 2
PY	KR 2003-0051111 A 25. June 2003 Claims 1-5	1-15

Further documents are listed in the continuation of Box C.

See patent family annex.

- \* Special categories of cited documents:
- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search

20 SEPTEMBER 2004 (20.09.2004)

Date of mailing of the international search report

20 SEPTEMBER 2004 (20.09.2004)

Name and mailing address of the ISA/KR

  
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**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

International application No.  
PCT/KR2004/001296

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 20030072444 A1	17 Apr. 2003	EP 1292067 A1	12 Mar. 2003
US 20030059054 A1	27 Mar. 2003	EP 1292066 A1	12 Mar. 2003
US 20020191784 A1	19 Dec. 2002	WO 02/101972 A3	19 Dec. 2002
KR 2003-0051111 A	25 June 2003	None	